

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390.P15769

(maximum 12 characters)

First Named Inventor William W. Macy et al.Title: "METHOD AND APPARATUS FOR PERFORMING HORIZONTAL ADDITIONS AND SUBTRACTIONSExpress Mail Label No. EV 339 922 953 US

ADDRESS TO: Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313-1450

21910 U.S. PTO
10/611621**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. X **Fee Transmittal Form (e.g., PTO/SB/17)**
(Submit an original and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. X **Specification (Total Pages 67)**
(preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table,
or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. X **Drawings (35 USC 113) (Total Sheets 18)**
5. X **Oath or Declaration (6) Total Pages (Unsigned)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
(for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)
and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. **Assignment Papers (cover sheet & documents(s))**
10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
- b. Power of Attorney
11. English Translation Document (if applicable)
12. a. Information Disclosure Statement (IDS)/PTO-1449
- b. Copies of IDS Citations
13. **Preliminary Amendment**
14. X **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**
15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**
- 17A. x Other: - Application Title Page

17B. X Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

 Continuation Divisional X Continuation-In-Part (CIP)

Of Prior Application No.: 09/952,891 Filed October 29, 2001; This application also claims priority of Prior U.S. Application No.: 09/989,736 Filed November 19, 2001, which is x continuation of U.S. Application No. 08/822, 067 Filed, August 31, 1995, now U.S. Patent No. 6,385,634

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address
 X Customer Number or Bar Code Label
008791



08791

(Insert Customer No. Or Attach Bar Code Label here)

 X Correspondence Address Below
NAME Lawrence M. Mennemeier
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CITY Los Angeles STATE California ZIP CODE 90025-1026
Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE): John P. Ward

Registration No.: 40,216

Signature: [Signature]

Date: 6/30/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$) 948.00

Complete if Known

Application Number	Unassigned
Filing Date	June 30, 2003
First Named Inventor	Eric Debes
Examiner Name	Unknown
Group/Art Unit	Unassigned
Attorney Docket No.	42P15769

METHOD OF PAYMENT (check one)
☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account

Deposit Account Number: 02-2666

Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION
1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750.00
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					750.00

2. EXTRA CLAIM FEES

Total Claims: 31 - 20* = 11 X 18.00 = \$198.00

Independent Claims: 3 - 3* = 0 X 84.00 = \$0.00

Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	84	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple Dependent claim, if not paid	
1204	84	2204	42	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					198.00

**or number previously paid, if greater. For Reissues, see below

FEE CALCULATION (continued)
3. ADDITIONAL FEES

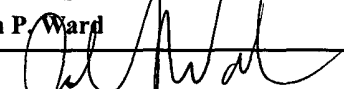
Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1404	320	2401	180	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	1809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY
Complete (if applicable)

Name (Print/Type)	John P. Ward	Registration No. (Attorney/Agent)	40,216	Telephone	(408) 720-8300
Signature		Date	6/30/03		

EXPRESS MAIL CERTIFICATE OF MAILING

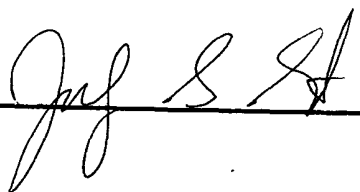
"Express Mail" mailing label number: EV 339922953 US

Date of Deposit: 06/30/2003

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Judy L. Steinkraus



Application No.: Unassigned Filing Date: 06/30/2003 BSTZ Docket #: 042390.P15769 Atty/Sec: EHT(LMM)nmm
Date Mailed: 06/30/2003 Docket Due Date(s): _____ Client: INTEL CORPORATION
Title METHOD AND APPARATUS FOR PERFORMING HORIZONTAL ADDITIONS AND SUBTRACTIONS

Inventor(s) Debes, Macy, Tyler, Peleg, Mittal, Mennemeier, Eitan, Dulong, Kowashi, Witt

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- | | |
|--|---|
| <input type="checkbox"/> Amendment: (___ pgs) | <input type="checkbox"/> Information Disclosure Statement & PTO/SB/08 (___ pgs) |
| <input type="checkbox"/> Appeal Brief & two copies (___ pgs) | <input type="checkbox"/> Issue Fee Transmittal (original & copy) |
| <input checked="" type="checkbox"/> Application: CIP
(67 pages w/ cover & abstract) | <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i) |
| <input type="checkbox"/> Application Amended to Reflect Claim of Priority | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Assignment & Cover Sheet (___ pgs) | <input type="checkbox"/> Petition for: _____ |
| <input type="checkbox"/> Certificate of | <input type="checkbox"/> Request for Continued Examination (RCE) |
| <input type="checkbox"/> Continued Prosecution Application (CPA) | <input type="checkbox"/> Reply Brief (___ pgs) |
| <input checked="" type="checkbox"/> Declaration & POA (6 pgs) (unsigned) | <input type="checkbox"/> Request to Rescind Previous Nonpublication Request |
| <input checked="" type="checkbox"/> Drawings: 18 sheets, 23 figures | <input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter |
| <input checked="" type="checkbox"/> Express Mail No: <u>EV 339 922 953 US</u> | <input type="checkbox"/> Terminal Disclaimer |
| <input type="checkbox"/> Extension of Time: _____ | <input type="checkbox"/> Transmittal of Formal Drawings |
| <input checked="" type="checkbox"/> Fee Transmittal (original & copy) | <input type="checkbox"/> Transmittal of Publication Fee Due |
| <input checked="" type="checkbox"/> Other: <u>Application Title Page</u> | <input checked="" type="checkbox"/> Transmittal Letter |
| SV _____ | <input type="checkbox"/> Check No. in the Amount of |
| Assignee: Intel Corporation | <input type="checkbox"/> Check No. in the Amount of |